

# Introduction to Machine Learning for Data Science

A primer on Machine Learning for Data Science. Revealed for everyday people, by the Backyard Data Scientist.

**Created by Kirill Eremenko** 

4.6 \* \* \* \* \* 56,629 students

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## What you'll learn

- ✓ Genuinely understand what Computer Science, Algorithms, Programming, Data, Big Data, Artificial Intelligence, Machine Learning, and Data Science is.
- √ To understand how these different domains fit together, how they are different, and how to avoid the marketing fluff.
- √ The Impacts Machine Learning and Data Science is having on society.
- √ To really understand computer technology has changed the world, with an appreciation of scale.
- √ To know what problems Machine Learning can solve, and how the Machine Learning Process works.
- √ How to avoid problems with Machine Learning, to successfully implement it without losing your mind!

## **Course content**

## 13 sections • 62 lectures • 5h 33m total length

Chapter 1: Introduction

Chapter 2: Core Concepts

Chapter 3: Impacts, Importance and examples

Chapter 4: The Machine Learning Process

Chapter 5: How to apply Machine Learning for Data Science

Chapter 6: Conclusion

Unleash your potential

Chapter 7: Section 1 - Bonus course - Machine Learning in Python and Jupyter for Beginners

Chapter 8: Section 2 - Bonus course - Machine Learning in Python and Jupyter for Beginners

Chapter 9: Section 3 - Bonus course - Machine Learning in Python and Jupyter for Beginners

Chapter 10: Section 4 - Bonus course - Machine Learning in Python and Jupyter for Beginners

Chapter 11: Section 5 - Bonus course - Machine Learning in Python and Jupyter for Beginners

Chapter 12: Section 6 - Bonus course - Machine Learning in Python and Jupyter for Beginners

Chapter 13: Section 7 - Bonus course - Machine Learning in Python and Jupyter for Beginners

## Requirements

- A passion to learn, and basic computer skills!
- Students should understand basic high-school level mathematics, but Statistics is not required to understand this course.

## Who this course is for

Before you load Python, Before you start R - you need this course. This introductory course will introduce you to the Fundamentals that you need before you start getting "Hands on".

Anyone interested in understanding how Machine Learning is used for Data Science.

Including business leaders, managers, app developers, consumers - you!

Adventurous folks, who are ready to strap themselves into the exotic world of Data Science and Machine Learning.



#### This courses includes

5.5 hours on-demand video



♣ 11 downloadable resource

Access on Mobile and TV

Certificate of completion

### **Contact Us**

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